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mational Application No .: T/GB2004/003959

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01S5/20 G02E G02B6/10 H01S5/343 G02B6/42 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (dassification system followed by dassification symbols) IPC 7 H01S G02B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to daim No. X US 6 028 877 A (NEC CORP) 1-5, 12,22 February 2000 (2000-02-22) column 28, line 14 - column 29, line 37; figures 26,27 ·X US 2001/028668 A1 (FUKUNAGA TOSHIAKI ET 1-5 AL) 11 October 2001 (2001-10-11) 7-10,12,15,17 page 3, paragraph 32 - page 6, paragraph 69; figures 1-5 χ WO 02/25787 A (TRAENKLE GUENTHER : WENZEL 1-15,17, HANS; ERBERT GOETZ; OSRAM OPTO SEMICONDUC) 28 March 2002 (2002-03-28) page 7, line 5 - page 12, line 3; figures 1-6 Y 16 χ Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 10 November 2004 09/12/2004 Name and mailing address of the ISA Authorized officer Ruropean Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Frisch, A

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